

KAKEHASHI Project: Short-term Dispatch of Student Scientists 23 top performers of Science Intercollegiate to visit the U.S.

The Japan Foundation has carried out "KAKEHASHI Project – The Bridge for Tomorrow –" as part of the Youth Exchange Program with North America promoted by the Ministry of Foreign Affairs of Japan (MOFA). In cooperation with the Ministry of Education, Culture, Sports, Science and Technology (MEXT), the Project will give the opportunity to visit the United States to 23 students recognized as top performers at the 3rd Science Intercollegiate held in March, 2014.

The participants are scheduled to stay in the U.S. for 10 days and make their presentations at U.S. companies as well as universities. Other than talking about Japan's science and technology, they also visit world-famous laboratories and organizations to interact with young American scientists.



■ Overview: Short-term Dispatch of Student Scientists

Duration: Tuesday, September 2 – Friday, September 12

Participating Schools: University of Tsukuba, Yonago National College of Technology (YNCT), Waseda University, Tohoku University, Tokyo University of Science, Keio University, Osaka University, Toyama Prefectural University, Kyoto Institute of Technology, Osaka City University, Fukuoka University

Destination: National institutes of Health (NIH), National Air and Space Museum, Air Liquide Delaware Research and Technology Center, Brookhaven National Laboratory, University of Maryland, University of Delaware, etc.

Presentation Topics (Examples):

- Modified electrode for improvement of denitrification activity in microbial fuel cells
- C-type lectin receptor X amplifies TLR signaling that controls inflammatory responses in experimental autoimmune encephalomyelitis
- Combustion Characteristics of PMMA-GOX Hybrid Rocket Engine

The Science Intercollegiate hosted by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) is a research competition for nationwide university and college students studying natural science. At the 3rd Science Intercollegiate held in March, 2014, one team, five teams and ten teams out of the 171 teams which passed the application screening received the Ministry of Education and Science Award, the Japan Science and Technology Agency President Award and the Science Intercollegiate Encouragement Award respectively. (<http://www.science-i.jp/>)

The Japan Foundation KAKEHASHI website <http://www.jpff.go.jp/e/intel/youth/index.html>

Please see the website above for the activities, comments on lingering episode, and participants' thoughts on the Project.

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